

3D – LIDAR Seminar



Time: 9 am to 11:30 am local time

When and Where

August 7th Madisonville Community College

2000 College Drive, Madisonville, KY; Beshear Education Building, 2nd Floor, Room 103 A & B

August 12th CDP Engineers, Inc.

3260 Blazer Parkway, Lexington, KY, Suite 100

August 15th Floyd County 911

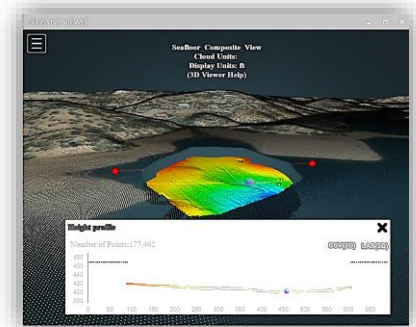
132 Cliff Road, Prestonsburg, KY

August 16th Precision Products

1420 Hugh Avenue, Louisville, KY

September 10th Russell Springs Fire Station

72 High Street, Russell Springs, KY



Cost: \$50 per person (Check or credit card accepted)

Who should attend: The class is well suited for engineers, surveyors, geologists, utility professionals, GIS professionals, landscape architects, or technicians that work in the Consulting, Construction, Mining, Utility, and Government industries; essentially anyone that deals with elevation data in their daily workflows

To Register: Contact Vicky at 859-264-7500 or email vclark@cdpenginers.com subject "3D-LIDAR Seminar". Include the location and date of where you want to attend.

Instructor: David Carter, PE, LS – David has over 37 years of engineering, surveying and geospatial project experience and is the lead architect for GeoSync Z-Tools

The availability of high quality elevation data acquired using LIDAR or UAV photogrammetry continues to grow. The seminar details steps to acquire, manage, and effectively use elevation data in your primary CADD or GIS workflows. Workflows utilizing AutoCAD, Microstation, ArcMap and QGIS are addressed in the seminar.

This seminar is designed to help you save time and money on your projects.

Software tools demonstrated will include:

- ❖ **GeoSync Z-Tools** - Point cloud tools developed by CDP/Mapsinc
- ❖ Quantum GIS (QGIS) - Free Open Source GIS Software

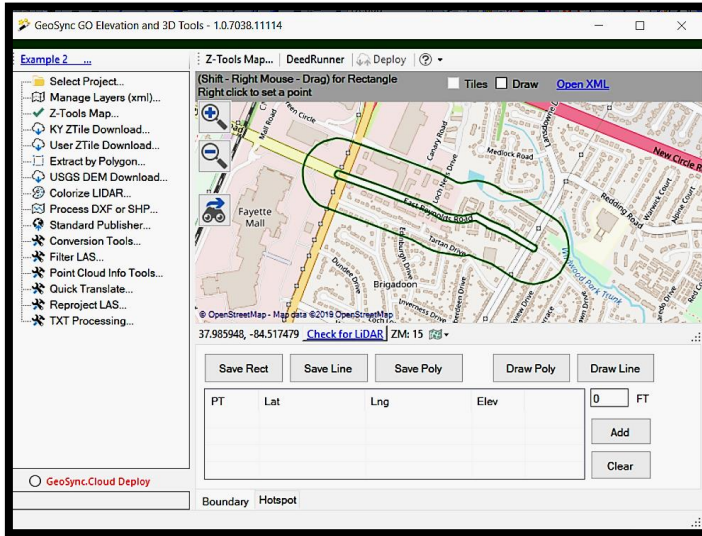
Attendees will leave with the following...

- ❖ Certificate for 2 hours of training (NOT pre-approved for KY surveyor hours)
- ❖ Downloadable KY data and projects
 - ❖ 300 layers of Kentucky GIS information. Layer files for ArcMap and QGIS.
 - ❖ Pre-built QGIS projects
 - ❖ Training videos
- ❖ **30 day trial version of GeoSync Z-Tools as demonstrated (\$495 retail)**
 - ❖ Tools for finding and downloading elevation data
 - ❖ Merge, clip, and process point cloud data
 - ❖ Create 3D views and share using the built in point cloud viewer

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KY Elevation Data - Contours from QGIS



- ❖ Find Elevation Data
- ❖ Clip point clouds
- ❖ Export to LAZ and TIF
- ❖ Filter and convert points
- ❖ Create 3D view & share
- ❖ Share 3D View by USB

